AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1.   (Currently Amended) A computer-implemented method for processing procedures, comprising:

associating, using a computer, actions with the procedures and resources with the actions;

generating, by a computer, an action order indicating whether two or more of the actions are to be performed in an order-dependent manner or in an order-independent manner;

presenting a list of the actions on a display to a user;

receiving, by a computer, a user-entered command to perform at least one of the actions using the resources associated with the actions;

displaying, on a display device, ~~entries indicating~~ status information of procedures, wherein at least one of the displayed entries ~~procedures~~ is marked with a pending-flag to alert the user that the ~~marked~~ procedure associated with the marked entry has a pending action that has not been completed and that a next action depends on the completion of the pending action; and

receiving, by a computer, a user-entered command to link at least one of the procedures to at least one pre-existing procedure definition such that subsequent modifications made to the linked procedure definition after linking are automatically reflected in the linked procedure.

2.   (Previously Presented) The method of claim 1, wherein the actions are identified by process patterns associated with the procedures.

3.   (Previously Presented) The method of claim 1, further comprising:

   identifying one or more common action patterns;

   abstracting each reusable common action pattern; and

   providing a template including the abstracted patterns for the procedures based on business context.

4.   (Original) The method of claim 3, further comprising enabling the user to modify the template with ad-hoc collaboration actions based on work practice for a particular business scenario.

5.   (Original) The method of claim 3, further comprising automatically adapting the template based on collaborative filtering or history tracking.

6.   (Original) The method of claim 1, wherein the action makes a process pattern plug&execute by launching web-based services with semantics and functionality.

7.   (Original) The method of claim 1, further comprising introducing rules and pre-configuring ad-hoc coordination patterns to handle exceptions and dependencies within actions.

8.   (Original) The method of claim 7 further comprising providing a hybrid service that encapsulates transactional enterprise services and the related exception handling.

9.   (Original) The method of claim 1 wherein an action launches an enterprise service directly or dissolves the service through a request to an UDDI server.

10.   (Previously Presented) The method of claim 1 further comprising instantiating sub-procedures from the procedures.

11.   (Previously Presented) The method of claim 10 wherein the procedures control the sub-procedures including stopping, freezing, and waiting for the sub-procedure.

12.   (Original) The method of claim 1 wherein the actions are grouped into phases.

13.   (Original) The method of claim 12 wherein a navigation model includes a phase indicator to navigate by phases of the procedure and display of actions and deliverables associated with the phase.

14.   (Original) The method of claim 12 wherein the completion of a phase is a gate in a process that requires satisfaction of conditions from a higher level semantic before completion of the phase.

15.   (Original) The method of claim 1 further comprising enabling a user to include ad-hoc collaboration actions.

16.   (Original) The method of claim 15 wherein the ad-hoc collaboration actions comprise delegating a procedure or portion thereof, delegating an action that has

been started, requesting approval, requesting a review or getting an opinion of another user.

17.   (Original) The method of claim 1 further comprising associating deliverables, contributors and resources with an action.

18.   (Previously Presented) The method of claim 17 further comprising providing displays for tracking the status of deliverables, contributors, resources, metrics, accomplish view, forecast view, procedure tree view, or delta view.

19.   (Previously Presented) The method of claim 18 wherein the metrics are displayed and comprise frequency of use, average temporal duration, efficiency, number of breakdowns, iterations and quality of outcome.

20.   (Previously Presented) The method of claim 18 wherein the accomplish view is displayed and comprises new deliverables, completed steps, steps started but not yet completed or the difference between two action completion dates.

21.   (Previously Presented) The method of claim 18 wherein the delta view is displayed and provides a display comprising the differences between an accomplish from a first time and an accomplish view from a second time.

22.   (Cancelled).

23.   (Original) The method of claim 18 further comprising providing aggregated status information to another application or user interface pattern.

24.   (Previously Presented) The method of claim 1 further comprising specifying whether an action is optional, mandatory, or protected.

25.   (Previously Presented) The method of claim 1 further comprising enabling the user to specify that the procedures require collaboration among two or more contributors.

26.   (Original) The method of claim 1 further comprising enabling the user to determine a guided procedure trigger.

27.   (Original) The method of claim 1 further comprising enabling the user to back track to previous actions.

28.   (Previously Presented) The method of claim 1 further comprising automatically invalidating procedures in selected cases where the guided procedure trigger ceases to exist.

29.   (Original) The method of claim 4 wherein modification of the template is aided by a wizard.

30.   (Cancelled)

31.   (Currently Amended) A hardware system comprising one or more computers, configured to process procedures, the system comprising:

means for associating actions with the procedures and resources with the actions;

means for generating an action order indicating whether two or more of the actions are to be performed in an order-dependent manner or in an order-independent manner;

means for presenting a list of the actions to a user;

means for receiving a user-entered command to perform at least one of the actions using the resources associated with the actions;

means for displaying <u>entries indicating</u> status information of procedures, wherein at least one of the displayed <u>entries</u> ~~procedures~~ is marked with a pending-flag to alert the user that the ~~marked~~ procedure <u>associated with the marked entry</u> has a pending action that has not been completed and that a next action depends on the completion of the pending action; and

means for receiving a user-entered command to link the at least one of the procedures to at least one pre-existing procedure definition such that subsequent modifications made to the linked procedure definition after linking are automatically reflected in the linked procedure.

32.   (Previously Presented) The hardware system of claim 31, wherein the actions are identified by process patterns associated with the procedures.

33.   (Previously Presented) The hardware system of claim 31, further comprising:

means for identifying one or more common action patterns;

means for abstracting each reusable common action pattern; and

means for providing a template including the abstracted patterns for the procedures based on business context.

34. (Previously Presented) The hardware system of claim 33, further comprising means for enabling the user to modify the template with ad-hoc collaboration actions based on work practice for a particular business scenario.

35. (Previously Presented) The hardware system of claim 34, further comprising means for enabling the user to automatically adapt the template based on collaborative filtering or history tracking.

36. (Previously Presented) The hardware system of claim 31, wherein the action makes a process pattern plug&execute by launching web-based services with semantics and functionality.

37. (Previously Presented) The hardware system of claim 31, further comprising means for enabling the user to introduce rules and pre-configure ad-hoc coordination patterns to handle exceptions and dependencies within actions.

38. (Previously Presented) The hardware system of claim 31, further comprising means for enabling the user to instantiate sub-procedures from the procedures.

39. (Previously Presented) The hardware system of claim 38, wherein the procedures control the sub-procedures.

40.   (Previously Presented) The hardware system of claim 31 further comprising means for enabling a user to include ad-hoc collaboration actions.

41.   (Previously Presented) The hardware system of claim 31 further comprising means for providing displays for tracking the status of deliverables, contributors, resources, metrics, accomplish view, forecast view, procedure tree view, or the completion of the procedure.

42.   (Currently Amended) An article comprising a machine-readable medium storing instructions operable to cause one or more machines to perform operations comprising:

   associating, using a computer, actions with procedures and resources with the actions;

   generating, by a computer, an action order indicating whether two or more of the actions are to be performed in an order-dependent manner or in an order-independent manner;

   presenting a list of the actions on a display to a user;

   receiving, by a computer, a user-entered command to perform at least one of the actions using the resources associated with the actions;

   displaying, on a display device, entries indicating status information of procedures, wherein at least one of the displayed entries procedures is marked with a pending-flag to alert the user that the marked procedure associated with the marked entry has a pending action that has not been completed and that a next action depends on the completion of the pending action; and

   receiving, by a computer, a user-entered command to link at least one of the procedures to at least one pre-existing procedure definition

such that subsequent modifications made to the linked procedure definition after linking are automatically reflected in the linked procedure.

43. (Previously Presented) The article of claim 42, wherein the actions are identified by process patterns associated with the procedures.

44. (Previously Presented) The article of claim 42, further comprising storing instructions operable to cause one or more machines to perform operations comprising:

> identifying one or more common action patterns;
>
> abstracting each reusable common action pattern; and
>
> providing a template including the abstracted patterns for the procedures based on business context.

45. (Original) The article of claim 44, further comprising storing instructions operable to cause one or more machines to perform operations comprising enabling the user to modify the template with ad-hoc collaboration actions based on work practice for a particular business scenario.

46. (Original) The article of claim 45, further comprising storing instructions operable to cause one or more machines to perform operations comprising automatically adapting the template based on collaborative filtering or history tracking.

47. (Original) The system of claim 42, wherein the action makes a process pattern plug&execute by launching web-based services with semantics and functionality.

48.   (Original) The article of claim 42, further comprising storing instructions operable to cause one or more machines to perform operations comprising introducing rules and pre-configuring ad-hoc coordination patterns to handle exceptions and dependencies within actions.

49.   (Previously Presented) The article of claim 42, further comprising storing instructions operable to cause one or more machines to perform operations comprising instantiating sub-procedures from the procedures.

50.   (Previously Presented) The system of claim 49, wherein the procedures control the sub-procedures.

51.   (Original) The article of claim 42, further comprising storing instructions operable to cause one or more machines to perform operations comprising including ad-hoc collaboration actions.

52.   (Previously Presented) The article of claim 42, further comprising storing instructions operable to cause one or more machines to perform operations comprising providing displays for tracking the status of deliverables, contributors, resources, metrics, accomplish view, forecast view, procedure tree view, or the completion of the procedure.

53.   (Withdrawn) A method comprising:

        presenting an administrative-user with a graphical user interface-based application to generate definitions of procedures;

receiving input from the administrative-user defining a procedure, the received input to include a list of actions, one or more resources associated with each action, and an indication that two or more actions in the list are to be performed in an order-dependent manner or in an order-independent manner;

formatting the list of actions to conform to a designated navigation model; and

associating the defined procedure with one or more roles in a role-based portal environment.

54. (Withdrawn) The method of claim 53 wherein receiving the input defining the procedure is to include indications that a plurality of actions are to be performed in an order-dependent manner and that another plurality of actions are to be performed in an order-independent manner.

55. (Withdrawn) The method of claim 53 wherein receiving the input defining the procedure comprises a pre-existing procedure definition.

56. (Withdrawn) The method of claim 53 wherein receiving the input defining the procedure comprises a link to a pre-existing procedure definition such that subsequent modifications made to the pre-existing procedure definition are automatically reflected in the defined procedure.

57. (Currently Amended) An enterprise management consolidation hardware system comprising:

a cross-functional module to provide communication between at least one
of an object modeling tool, a process modeling tool, [[and]] or a
user interface tool, wherein the user interface tool comprises:

means for associating actions with procedures and
resources with the actions;

means for generating an action order indicating whether two
or more of the actions are to be performed in an
order-dependent manner or in an order-independent
manner;

means for presenting a list of the actions to a user;

means for receiving a user-entered command to perform at
least one of the actions using the resources
associated with the actions;

means for displaying entries indicating status information of
procedures, wherein at least one of the displayed
entries procedures is marked with a pending-flag to
alert the user that the marked procedure associated
with the marked entry has a pending action that has
not been completed and that a next action depends
on the completion of the pending action; and

means for receiving a user-entered command to link the at
least one of the procedures to at least one pre-
existing procedure definition such that subsequent
modifications made to the linked procedure definition
after linking are automatically reflected in the linked
procedure.

58. (Previously Presented) The enterprise management consolidation hardware system of claim 57 wherein the user interface tool further comprises means for associating deliverables, contributors, and resources with an action.

59. (Previously Presented) The enterprise management consolidation hardware system of claim 58 wherein the user interface tool further comprises means for communicating with a resource finder to locate contributors.

60. (Previously Presented) The enterprise management consolidation hardware system of claim 57 wherein the tool further comprises means for communicating with a community membership site.

61. (Previously Presented) The enterprise management consolidation hardware system of claim 57 wherein the tool further comprises means for communicating with a personal guru page.

62. (Previously Presented) The method of claim 1, wherein the procedures displayed on the display device are procedures to which the user is a contributor, or procedures that the user has selected to monitor.

63. (Previously Presented) The hardware system of claim 31, wherein the displayed procedures are procedures to which the user is a contributor, or procedures that the user has selected to monitor.

64.   (Previously Presented) The article of claim 42, wherein the displayed procedures are procedures to which the user is a contributor, or procedures that the user has selected to monitor.

65.   (Previously Presented) The enterprise management consolidation hardware system of claim 57, wherein the displayed procedures are procedures to which the user is a contributor, or procedures that the user has selected to monitor.